

**FINAL REPORT
OF THE
INTERIM STUDY COMMITTEE ON
RESEARCH AND TECHNOLOGY ISSUES**



**Indiana Legislative Services Agency
200 W. Washington St., Suite 301
Indianapolis, Indiana 46204-2789**

November, 2003

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Interim Study Committee on Research and Technology Issues

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November, 2003

A copy of this report is available on the Internet. Reports, minutes, and notices are organized by committee. This report and other documents for this Committee can be accessed from the General Assembly Homepage at <http://www.state.in.us/legislative/>.

FINAL REPORT

Interim Study Committee on Research and Technology Issues

I. LEGISLATIVE COUNCIL DIRECTIVE

In 2003, the Legislative Council created the Interim Study Committee on Research and Technology Issues and directed the Committee to study:

1. Technology Issues (HCR 70)
2. Identity Theft (SR 14).

II. INTRODUCTION AND REASONS FOR STUDY

The Committee was established to address HCR 70-2003 and SR 14-2003.

HCR 70 urged the Legislative Council to establish a study committee to review existing statutes and proposed legislation related to technology, science, and economic development.

SR 14 addressed the growing problem of identity theft. It urged the Legislative Council to study identity theft through the use of private information contained in public or other documents held by government entities.

III. SUMMARY OF WORK PROGRAM

The Committee met three times during the interim.

The first meeting was held on the Indiana University campus over August 22 and 23, 2003. The meeting was divided into two sessions. The first session was held at the Midwest Proton Radiotherapy Institute; the second was held in the Indiana University Chemistry building. The meeting was devoted to testimony related to the university's research programs and the economic development opportunities spurred by this research.

The second meeting was held on October 6, 2003, at Purdue University's Stewart Center. The meeting was primarily devoted to testimony on identity theft and privacy issues.

The third meeting was held on October 31, 2003, at the State House. The meeting focused on HB 1789-2003. The Committee also heard testimony related to the issues facing Indiana manufacturing firms.

IV. SUMMARY OF TESTIMONY

Testimony Related to Technology Issues

At the first meeting, several individuals discussed some of the research and technology projects currently being pursued at Indiana University. Much of the testimony focused on the partnerships between IU and the commercial sector. The partnerships were described as created to bring students educated at IU, and the research performed at the University, into the Indiana marketplace.

At the Midwest Proton Radiotherapy Institute, the Committee heard testimony on the expansion of IU's cyclotron facility to include the use of its particle accelerator to provide precision treatment for cancer and other diseases. The Committee also learned that the cyclotron facility is used to support the study of nuclear and accelerator physics as well as for materials testing and modifications.

At the second session of the first meeting, the Committee heard testimony on the state government's technological infrastructure and the success of the AccessIndiana web portal. The Committee also heard specific testimony on the Advanced Research and Technology Institute at the University and its work to facilitate the transfer of IU technology to the marketplace. Several researchers also gave examples of the research currently conducted at IU and the role of scientific research in fostering economic growth in Indiana. The Committee received suggestions on legislative initiatives for the next session to promote the state's development.

At the second meeting, the Committee received an update on the expansion of Indiana's computational infrastructure. The Committee heard that the expansion was possible due to grant support provided by the National Science Foundation and state appropriations.

At the third meeting, the Committee heard a presentation on the economics of manufacturing and the need for innovation to protect firms' profits.

Testimony Related to Identity Theft Issues

At the second meeting, the Committee heard a number of speakers address the issue of identity theft. The Committee received testimony from law enforcement officers, public employees, an academic researcher, and members of the private sector. Much of the testimony focused on ways individuals can guard against identity theft and what companies and institutions can do to protect client information. The Committee also received suggestions for legislative action regarding the protection of private information and the prosecution of identity theft perpetrators.

Testimony Related to HB1789-03 (the STAR Account)

At the third meeting, the Committee heard testimony from speakers endorsing parts of HB1789-2003 (the STAR Account), an economic development and education program package. The Committee heard testimony specifically focused on the programs related to providing scientific education to middle and high school students, internships and career placement for college students, and technical assistance from the state's universities. The Committee also heard testimony related to tax credits for clean manufacturing and funding for research into clean coal technology.

V. COMMITTEE FINDINGS AND RECOMMENDATIONS

The Committee voted to support the concepts behind the programs described in HB-1789-2003 that were presented during the third meeting. These programs from HB-1789-2003 include:

- SMART Partnership Grants
- Scientific Instrument Project
- Certified Internship Program Payroll Credit
- Certified School-to-Career Program Payroll Credit
- Clean Manufacturing Income Tax Credit
- Back Home in Indiana Program
- Technology Apprenticeship Grants
- Purdue's Technology Assistance Program
- Ball State's East Central Indiana Technology Transfer Program
- Univ. of Southern Indiana's Technology Transfer Program
- Clean Manufacturing Tax Credit
- Coal Technology Research Fund

WITNESS LIST

Meeting 1- August 22 and 23, 2003

Dr. John Cameron, Director, Indiana University Cyclotron Facility
Dr. David Clemmer, Chair of Chemistry, Indiana University
Laura Larimer, Chief Information Officer, State of Indiana
Dr. Beth Raff, Chair of Biology, Indiana University
Mark Shublack, representing TechPoint
Dr. Allan Thornton, Director, Midwest Proton Radiotherapy Institute
Don Weaver, Director of State Relations, Indiana University
Dr. Ted Widlanski, Associate Dean for Research, Indiana University

Meeting 2-October 6, 2003

Pamela Berglund, President, Indiana County Recorder's Association
Jim Bottum, Vice President for Information Technology, Purdue University
Sandra Bowen, Public Access Counselor, State of Indiana
Candy Irlen, General Manager, AccessIndiana
Mark Long, President, Advanced Research and Technology Institute
Mark Parkman, Special Agent in Charge, U.S. Secret Service
Evelyn Royer, Asst. V.P. for Risk and Assurance, Purdue Employees Federal Credit Union
Sgt. Rod Russell, Public Information Officer, Indiana State Police
Dr. Eugene Spafford, Director, Center for Education and Research in Information Technology

Meeting 3-October 31, 2003

David Baldwin, Project Director, Indiana Schools SMART Partnership
Michael Huffman, Special Assistant for Technology, Indiana Department of Education
Stacie Porter, Director of Education Policy, Indianapolis Chamber of Commerce
Jim Wheeler, Executive Vice-President, TechPoint
Cindy Brinker, University of Southern Indiana
Jeff Linder, Ball State University
Dr. David McKinnis, Director, Technical Assistance Program, Purdue University
Grant Smith, Indiana Manufacturing Technology and Safe Material Institute
Mike Hudson, Vice-Chairman, Rolls-Royce North America Corporation (Retired)